

Parts List Fieseler Storch / MS505 scale 1/3,5

No.	Description	Material	Dimensions	Quantity	Note
<b>Wings</b>					
1	Rib for wing attachment	Poplar	6mm	2	
2	Rib 1 - root rib	Poplar	6mm	2	
3	Rib 4, 13, 19	Poplar	4mm	6	
4	Rib 2,3,5,8,9,11,12,14,15,18,20,21	Poplar	4mm	24	
5	Rib 6, 17	Poplar	4mm	4	
6	Rib 7, 16	Poplar	4mm	4	
7	Rib 22 - tip rib	Poplar	4mm	2	
8	Rib 10	Aircraft plywood	4mm	2	
9	Riblet	Poplar	4mm	36	
10	Reinforcement	Poplar	6mm	2	
11	Balsa block	Balsa	55 x 45 x 65mm	2	
12	Front webbing	Poplar	4mm	34	
13	Front webbing outboard	Poplar	4mm	2	
14	Front wing joiner	Aluminium	4mm	2	
15	Rear wing joiner	Aluminium	4mm	2	
16	Rear webbing	Poplar	4mm	34	
17	Rear webbing outboard	Poplar	4mm	2	
18	Slat bracket doubler	Poplar	3mm	30	
19	Servo plate	Poplar	4mm	4	
20	Servo frame	Poplar	4mm	4	
21	Servo retaining plate	Poplar	4mm	4	
22	Wingtip outline	Poplar	4mm	2	
23	Wingtip rib 1	Poplar	4mm	2	
24	Wingtip rib 2	Poplar	4mm	2	
25	Wingtip rib 3	Poplar	4mm	2	
26	Wingtip rib 4	Poplar	4mm	2	
27	Tip rib doubler for sheeting	Poplar	4mm	2	
28	Aileron tip outline	Poplar	4mm	2	
29	Fore-and-aft wingtip rib, top	Poplar	4mm	2	
30	Fore-and-aft wingtip rib, bottom	Poplar	4mm	2	
31	Wingtip doubler	Balsa	8mm	12	
32	Wing leading edge	Balsa	1800 x 20 x 5mm	2	
33	Slat bracket	Novotex	2mm	16	
34	Slat bracket doubler	Novotex	2mm	16	
35	Control surface hinge lug, wing	Novotex	2mm	22	

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36 Control surface hinge lug, short	Novotex	3mm	8
37 Control surface hinge lug, long (banana)	Novotex	3mm	4
38 Control surface rib, short	Poplar	4mm	28
39 Control surface rib, short, for hinge	Poplar	4mm	8
40 Control surface rib, long	Poplar	4mm	8
40a Control surface rib, long	Poplar	4mm	2 Long machined slot in sheeting
41 Control surface rib, long, for hinge	Poplar	4mm	4
42 Control surface horn	GRP	30 x 2mm	4
43 Hinge lug rib doubler	Poplar	3mm	18
43a Hinge lug rib doubler	Poplar	6mm	6 At aileron hinge lugs; see building instructions
44 Control surface horn doubler	Poplar	3mm	4
45 Control surface leading edge	Balsa	1000 x 15 x 10mm	4
48 Control surface sheeting, leading edge	Balsa	1000 x 50 x 2mm	4
49 In-fill piece	Poplar	4mm	10 Between double hinge lugs 35
50 Control surface sheeting, trailing edge	Balsa	1000 x 33 x 2mm	8
51 Wing sheeting	Balsa	1800 x 200 x 2mm	5
52 Balsa tip block	Balsa	65 x 40/20mm	4 2 off 20 mm, 2 off 40 mm
53 Secondary strut bracket	GRP	30 x 2mm	4
54 Control surface spar	Balsa	1000 x 5 x 3mm	4
56 Wing spar	Spruce	8mm	8
57 Wing jig strip	Spruce	8mm	4
58 Front wing joiner	Aluminium	4mm	2
59 Rear wing joiner	Aluminium	4mm	2
63 Leading edge slat	GRP	Fertigteil	2 GRP moulding
64 Mass balance	GRP	Fertigteil	8 GRP moulding
65 Socket-head screw, washer and nut	Steel	M2 x 12mm	12 Aileron and landing gear bearings
66 Aluminium front strut bracket	Aluminium	10 x 3mm	2
67 Aluminium rear strut bracket	Aluminium	10 x 3mm	2
68 Socket-head strut screw with washer and locknut	Steel	M4 x 12mm	8 For attaching bracket to rib 10
69 Socket-head screw with captive nut	Steel	M4 x 30mm	8 Servo retaining screw
70 Comb template	Plastic	3mm	3 Rib locating jig
72 Socket-head screw and nut for slat bracket	Steel	M2 x 8mm	32
73 Doubler	Poplar	6mm	2

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**Wing struts**

80 Hardwood strip, teardrop profile	Spruce	1000 x 28mm	2
81 Hardwood strip, teardrop profile	Spruce	1000 x 24mm	2
82 Secondary strut and mounting bracket	Stainless steel		2 Hard-soldered
83 Metal connecting plate with M4 socket	Stainless steel	1mm	2 Hard-soldered
84 Studding	Steel	M4 x 80mm	4
85 Clevis with spring-clip and nut	Steel	M4 x 8mm	6
86 Socket-head screw with washer and nut	Steel	M2 x 18mm	16

**Tailplane struts**

90 Tailplane strut, teardrop profile	Spruce	1000 x 15mm	1
91 Studding	Steel	M3 x 50mm	4
92 Clevis	Aluminium	M3	4

**Tailplane**

100 Jig plate	Poplar	3mm	1
101 Tailplane rib 1 = root rib	Poplar	6mm	2
102 Tailplane rib 2	Poplar	4mm	2
103 Tailplane rib 3	Poplar	4mm	2
104 Tailplane rib 4	Poplar	4mm	2
105 Tailplane rib 5	Poplar	4mm	2
106 Tailplane rib 6	Poplar	4mm	2
107 Tailplane rib 7	Poplar	4mm	2
108 Tailplane rib 8	Poplar	4mm	2
109 Tailplane leading edge	Balsa	1000 x 10 x 5mm	1
110 Tailplane spar	Balsa	1000 x 5 x 3mm	2
111 Trailing edge	Balsa	1000 x 10 x 10mm	1
112 Sheeting and capstrips	Balsa	1000 x 200 x 2mm	2
113 Negative rib 1	Poplar	6mm	2
114 Negative rib 2	Poplar	4mm	2
115 Negative rib 3	Poplar	4mm	2

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116 Negative rib 4	Poplar	4mm	2
117 Negative rib 5	Poplar	4mm	2
118 Strut bracket and spreader plate	GRP	2mm	2
119 Socket head screw	Steel	M3 x 20mm	8 For attaching Pertinax strut bracket
120 Elevator trailing edge 1	Poplar	4mm	2
121 Elevator trailing edge 2	Poplar	4mm	2
122 Elevator rib 1	Poplar	4mm	2
123 Elevator rib 2	Poplar	4mm	2
124 Elevator rib 3	Poplar	4mm	2
125 Elevator rib 4	Poplar	4mm	2
126 Elevator rib 5	Poplar	4mm	2
127 Elevator rib 6	Poplar	4mm	2
128 Elevator rib 7	Poplar	4mm	2
129 Elevator rib 8	Poplar	4mm	2
130 Elevator rib 9	Poplar	4mm	2
131 False leading edge	Poplar	3mm	2
132 Elevator leading edge	Balsa	8mm	2 Machined part
133 Elevator spar	Balsa	1000 x 8 x 5mm	4
134 Point-hinge reinforcement	Balsa	20 x 20 x 15mm	6
135 CFRP sleeve	CFRP	5 x 1000mm	2 Jig component and reinforcement
136 Horn	GRP	2mm	2
137 Point-hinge	Plastic	5mm	6
138 Elevator jig	Spruce	div. x 22 x 22mm	5
139 Balsa block	Balsa	110 x 55 x 20mm	4
140 Rear tailplane joiner sleeve	GRP sleeve	16 x 15 x 350mm	1
141 Rear tailplane joiner	Aluminium	15 x 330mm	1
142 Front tailplane joiner sleeve	Brass	6 x 5,1 x 350mm	1
143 Front tailplane joiner	Aluminium	5 x 330mm	1
144 Screw-hook for root rib	Steel	3mm	2
145 Drilling jig	Poplar	6mm	1 for Point-hinges tailplane

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**Rudder**

150 Trailing edge	Poplar	3mm	1
151 Rudder rib 1	Poplar	4mm	1
152 Rudder rib 2	Poplar	4mm	1
153 Rudder rib 3	Poplar	4mm	1
154 Rudder rib 4	Poplar	4mm	1
155 Rudder rib 5	Poplar	4mm	1
156 Rudder rib 6	Poplar	4mm	1
157 Rudder rib 7	Poplar	4mm	1
158 Rudder rib 8	Poplar	4mm	1
159 False leading edge	Poplar	3mm	1
160 Rudder leading edge	Balsa	8mm	1 Machined part
161 Bottom strip	Balsa	8mm	1 Machined part
162 Rudder spar	Balsa	1000 x 8 x 5mm	1
163 Horn reinforcement	Balsa	20 x 20 x 15mm	3
164 Steel pivot rod	Steel	500 x 2mm	1 Rudder pivot rod
165 CFRP tube	CFRP	5 x 1000mm	1 Jig component, as part 135
166 Horn	GRP	2mm	1
167 Point-hinge	Plastic	5mm	3
168 Jig component	Spruce	90 x 22 x 22mm	4

**Fuselage**

200 Former 1 - engine bulkhead	Aircraft plywood	4mm	1
201 Former 1a	Birch	6mm	1 Front undercarriage support plate
202 Former 2	Poplar	6mm	1
203 Former 3	Poplar	6mm	1
204 Former 4	Poplar	6mm	1
205 Former 4a	Aircraft plywood	4mm	1 Rear undercarriage support plate
206 Former 5	Poplar	6mm	1
207 Former 6	Poplar	6mm	1
208 Tailwheel support former	Poplar	6mm	1
209 Tail post	Poplar	6mm	1
210 Servo plate	Poplar	6mm	1
211 Aero-tow mechanism part 1	Poplar	6mm	1
212 Aero-tow mechanism part 2	Poplar	6mm	1
213 Aero-tow mechanism part 3	Poplar	6mm	1
214 Servo frame	Poplar	4mm	1 Same as part (20)

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215 Servo support plate	Aircraft plywood	4mm	1 Same as part (21)
216 Hardwood dowel reinforcement	Beech	Ø 8 x 1000mm	2 Rear cabin strut
217 Diagonal reinforcement, engine bulkhead - spar bridge	CFRP	Ø 2,5 x 1000mm	1
218 Tailplane strut bracket	GRP	2mm	1 Machined part
219 Upper undercarriage brackets	Aluminium	70 x 10 x 4mm	2 Machined part
220 Strut bridge	Aluminium	230 x 10 x 4mm	1 Machined part
221 Socket-head screw	Steel	M4 x 10mm	5
222 Socket-head screw	Steel	M4 x 40mm	2 For attaching rear undercarriage support
223 Brass sleeve	Brass	5 x 4,1 x 30mm	2 For attaching rear undercarriage support
224 Threaded sleeve	Steel	M4	2 For attaching front undercarr. support to engine bulkhead
225 Self-locking nut	Steel	M4	10
226 Socket-head screw and captive nut	Steel	M4 x 10mm	5
227 Brass sleeve	GRP		2 Machined part
229 Fuselage	GRP		1 GRP moulding
230 Cowl and side caps (only FI 156) or Cowl ing MS505	GRP		1 GRP moulding
231 Exhaust tail-pipe (only FI 156)	GRP		1 1 GRP part = 2 exhausts
232 Long former jig component	Poplar	6mm	4 Fuselage former 1-4 positioning jig
233 Short former jig component	Poplar	6mm	4 Fuselage former 1-4 positioning jig
234 Former jig component	Poplar	6mm	2 Fuselage former 5 positioning jig
235 Socket-head screw with locknut	Steel	M4 x 14mm	3 For attaching strut bridge to former
236 Socket-head screw with captive nut	Steel	M4 x 30mm	2 Servo retaining screw
237 Tailwheel unit, complete	Stainless steel		1 Hard-soldered
240 Door frame parts	Poplar	4mm	13 Machined parts
241 Glazing	Clear polyester	860 x 600 x 0,8mm	Machined part
245 Servo and tank retaining plate inline engines	Poplar	6mm	1 Machined part
246 Servo and tank retaining plate Moki	Poplar	6mm	1 Machined part
247 Cowling caps reinforcement (only MS505)	Poplar	6mm	4 Machined part
248 Ignition support plate for Moki	Poplar	6mm	1 Machined part
249 Engine mount	CFRP		

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**Undercarriage**

250 Main undercarriage support, left /right	Stainless steel		2 Ready made
251 Front undercarriage strut, left / right	Stainless steel / GRP	490mm	2 Ready made
252 Rear undercarriage strut, left / right	Stainless steel / GRP	545mm	2 Ready made
253 Front strut bracket	Angle-section alum.	20 x 20 x 50mm	2 Machined part for attaching to secondary former 1a
254 Rear strut bracket	Angle-section alum.	20 x 20 x 15mm	2 Machined part for attaching to secondary former 1a
255 Gas strut		430mm	2
256 Axle / gas strut bracket	Round aluminium	Ø15 x 80mm	2 Ready made
257 Socket-head screw with nut	Steel	M6 x 60mm	2 Wheel axle
258 Compression spring	Steel	110mm	2 Fits over piston rod
259 Socket-head screw with self-locking nut	Steel	M4 x 16mm	2 For attaching front support bracket to former 1a
260 Socket-head screw	Steel	M4 x 8mm	2 For attaching rear support bracket to former 4a
261 Socket-head screw	Steel	M3 x 10mm	2 For attaching lower fairing to axle bracket
262 Socket-head screw with self-locking nut	Steel	M6 x 22mm	2 For attaching lower undercarriage strut to axle bracket
263 Upper undercarriage fairing	GRP		2
264 Lower undercarriage fairing	GRP		2 To be screwed to bottom axle bracket
265 Guiding for gas strut	Balsa	8mm	2 For upper undercarriage fairing
266 Guiding for gas strut	Balsa	8mm	2 For lower undercarriage fairing